# GOVERNMENT OF INDIA
# ATOMIC ENERGY
# LOK SABHA

UNSTARRED QUESTION NO:4086
ANSWERED ON:10.08.2016
Nuclear Emergency Situation
Godse Shri Hemant Tukaram

**Will the Minister of ATOMIC ENERGY be pleased to state:**

(a) whether training is imparted to employees of nuclear power plants to deal with emergency situations/natural disasters like earthquake/tsunami;

(b) if so, the details of the training programmes organised during the last three years and the current year, year and plant-wise; and

(c)if not, the reasons therefor?

## Answer

THE MINISTER OF STATE FOR, PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS AND PRIME MINISTER''S OFFICE (DR. JITENDRA SINGH):

(a)Yes, Sir.

(b)A structured training programme for training the plant personnel on various plant procedures including Emergency Operating Procedures (EOP) for handling off-normal conditions is in place. The emergency procedures include contingencies arising out of floods, tsunamis, cyclonic storms, earthquakes and fire. Tsunamis and cyclonic storms are relevant to coastal sites and training covers these aspects for the personnel at coastal sites. The relevant training programmes on EOPs for off-normal conditions are being regularly conducted in batches for the plant personnel at all the nuclear power plants. Regular re-training on these topics is also imparted to the operations personnel, as a part of the licensing process. The details of training programmes are given in annexure.

(c)Does not arise.
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Annexure

| Station | Number of training program on natural disasters like earthquake / tsunami, year wise | | | |
|---|---|---|---|---|
| | 2013 | 2014 | 2015 | 2016 (Upto July) |
| TAPS-1&2 | 15 | 20 | 16 | 19 |
| TAPS-3&4 | 26 | 12 | 41 | 6 |
| RAPS-1&2 | 13 | 18 | 22 | 20 |
| RAPS-3&4 | 18 | 18 | 27 | 20 |
| RAPS-5&6 | 13 | 19 | 17 | 22 |
| MAPS | 32 | 24 | 26 | 13 |
| NAPS | 33 | 10 | 14 | 9 |
| KAPS | 21 | 12 | 34 | 17 |
| KGS-1 to 4 | 61 | 24 | 48 | 37 |
| KKNPP | 8 | 2 | 16 | 12 |
| Total | 240 | 159 | 261 | 175 |

TAPS − Tarapur Atomic Power Station, Tarapur, Maharashtra
RAPS − Rajasthan Atomic Power Station, Rawatbhata, Rajasthan
MAPS − Madras Atomic Power Station, Kalpakkam, Tamil Nadu
NAPS − Narora Atomic Power Station, Narora, Uttar Pradesh
KAPS − Kakrapar Atomic Power Station, Kakrapar, Gujarat
KGS − Kaiga Generating Station, Kaiga, Karnataka
KKNPP − Kudankulam Nuclear Power Project, Kudankulam, Tamil Nadu

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